

F2RL2 Protein, Human (Cell-Free, His)

Cat. No.:	HY-P702275
Synonyms:	Proteinase-activated receptor 3; Coagulation factor II receptor-like 2; Thrombin receptor-like 2
Species:	Human
Source:	E. coli Cell-free
Accession:	O00254 (T39-K374)
Gene ID:	2151
Molecular Weight:	40.0 kDa

PROPERTIES

AA Sequence

TFRGAPPNSF	EEFPFSALEG	WTGATITVKI	KCPEESASHL
HVKNATMGYL	TSSLSTKLIP	AIYLLVFVVG	VPANAVTLWM
LFFRTRSICT	TVFYTNLAIA	DFLFCVTLPF	KIAYHLNGNN
WVFGEVLCRA	TTVIFYGNMY	CSILLLACIS	INRYLAIVHP
FTYRGLPKHT	YALVTCGLVW	ATVFLYMLPF	FILKQEYYLV
QPDITTC HDV	HNTCESSSPF	QLYYFISLAF	FGFLIPFVLI
IYCYAAIIRT	LNAYDHRWLW	YVKASLLILV	IFTICFAPSN
IILIIHHANY	YYNNTDGLYF	IYLIALCLGS	LNSCLDPFLY
FLMSKTRNHS	TAYLTK		

Appearance

Lyophilized powder.

Formulation

Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Endotoxin Level

<1 EU/µg, determined by LAL method.

Reconstitution

It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.

Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

F2RL2, a receptor for activated thrombin, is coupled to G proteins that activate phosphoinositide hydrolysis, thereby participating in intracellular signaling pathways. This protein interacts with INSC/inscuteable and likely associates with

GPSM2, suggesting potential involvement in cellular processes that rely on these interactions.

Caution: Product has not been fully validated for medical applications. For research use only.

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